



2011 Husqvarna TC449 Z-Fi MX Installation Instructions
P/N F1131

WARNING!

USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS

Parts List:

Z-Fi MX Control Unit

Fuel Harness

Download Z-Fi Mapper Software & Its Instructions From Website

USB Cable

1 Velcro Patch

8 Cable Ties

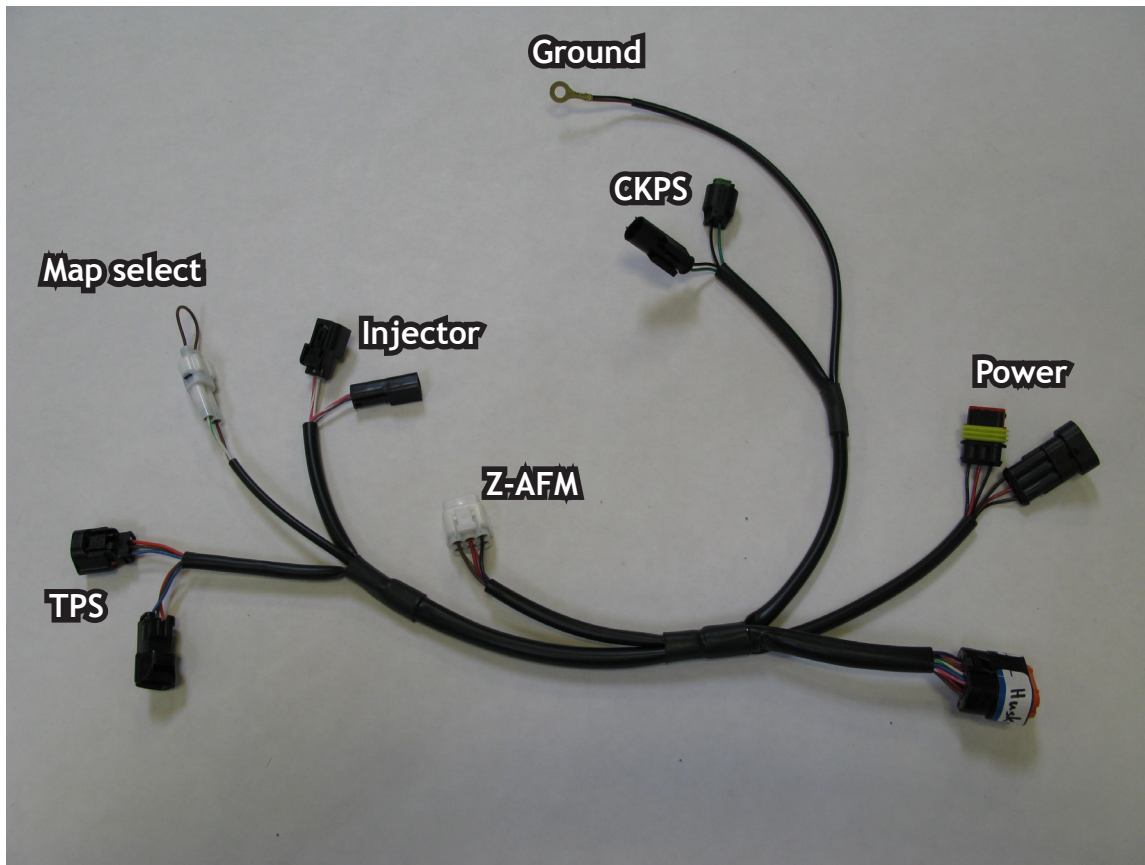
Stickers



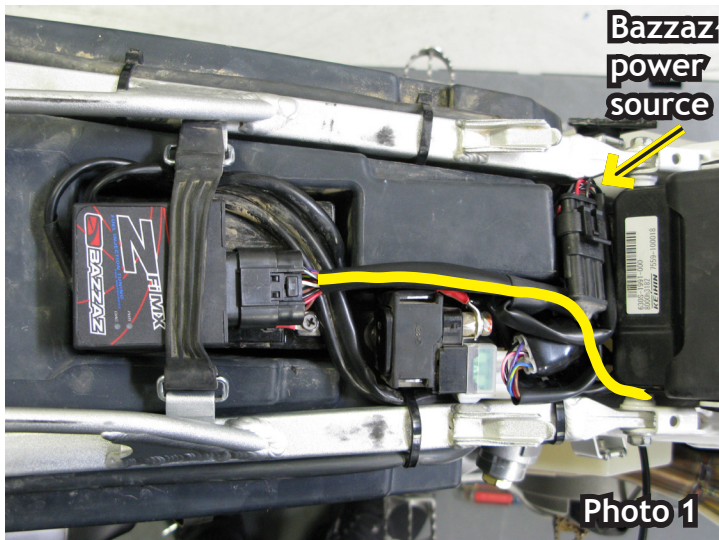
Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific stock component identification and location information refer to a factory service manual.

To create the ideal map(s) we recommend using the optimal Z-AFM self-tuning module

BAZZAZ HARNESS CONNECTOR IDENTIFICATION



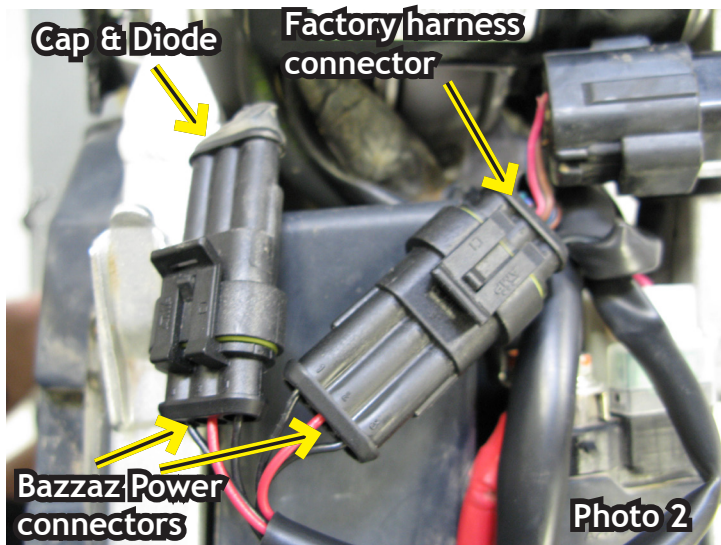
1. Remove the following components: seat, fuel tank and both side panels.
2. Remove the rubber strap holding the battery in place. Use the supplied Velcro patch to secure the Z-FiMX control module to the top of the battery. Reinstall the factory rubber strap (photo 1).



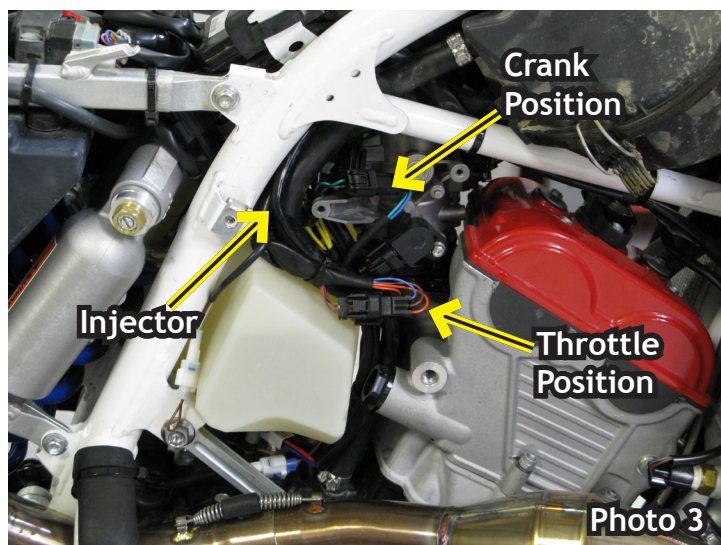
Bazzaz harness routing shown in yellow

3. Connect the Bazzaz harness to the control module and begin to route it toward the factory ECU.

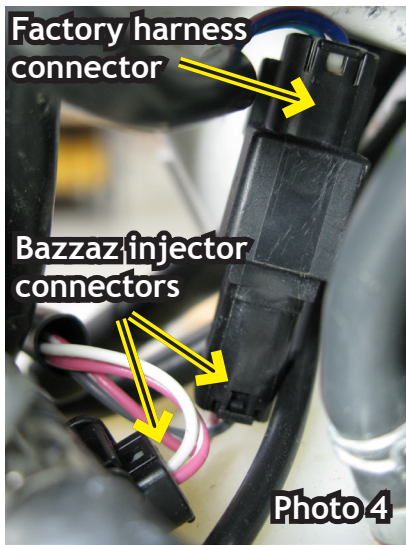
4. Locate the factory connector with diode & cap installed. Disconnect the cap from the factory harness connector and install the mating Bazzaz harness power connectors inline. Note: The cap and diode that was originally installed into the factory harness connector must be connected to the mating Bazzaz harness power connector for the vehicle to run (photo 2).



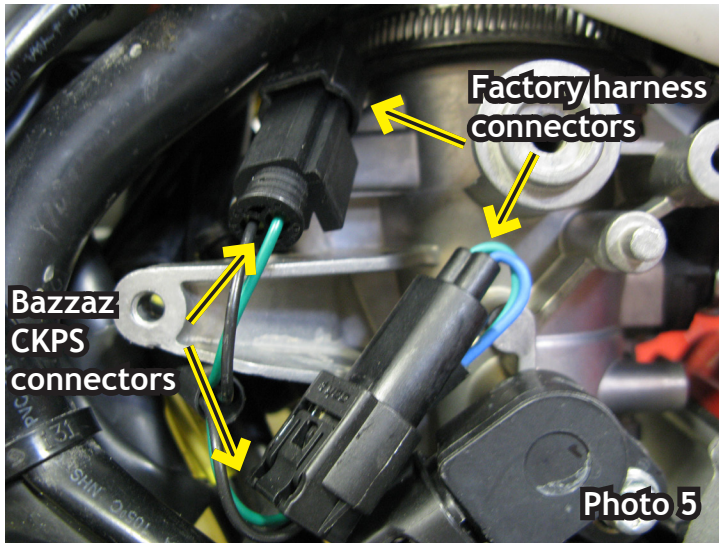
5. Route the remainder of the Bazzaz harness under the ECU onto the right side of the engine compartment. Photo (3) shows the location of the injector, crank position and throttle position connections.



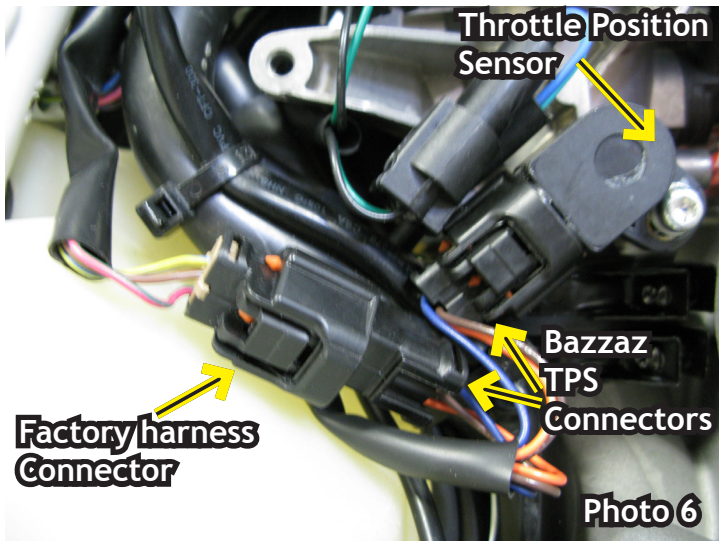
6. Identify the injector connector which can be found at the rear of the throttle body assembly under the factory ECU. Disconnect the factory harness connector and install the mating Bazzaz harness injector connectors inline (photo 4).



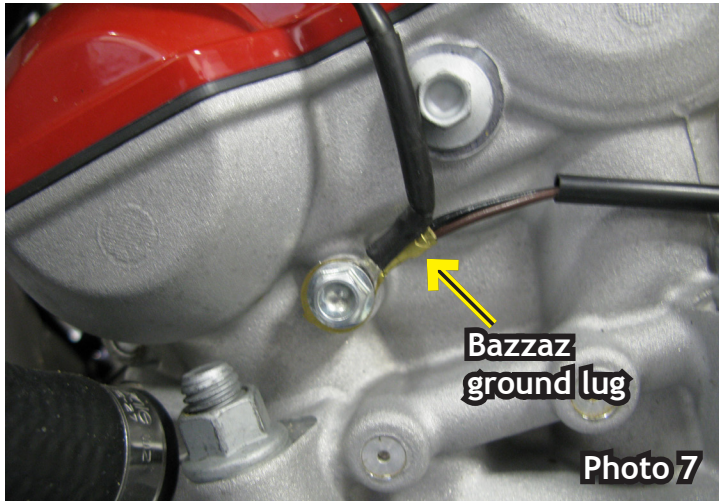
7. Disconnect the factory crank position sensor connectors from one another and connect the mating Bazzaz connectors inline (photo 5).



8. Disconnect the factory harness throttle position sensor connectors from the sensor and install the mating Bazzaz harness connectors inline (photo 6).



9. Route the ground lug lead of the Bazzaz harness onto the left side to the bike and attach it to a solid chassis or engine ground (photo 7).



10. Now that the installation is complete, take a moment to secure the Bazzaz harness along its routing path with the supplied cable ties. Reinstall the components removed in step one of these instructions.

The Bazzaz controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased separately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. When the map select jumper is connected the control unit is operating using map 1. When the map select jumper is disconnected the control unit is operating using map 2.

